

SPECIFICATION

CARGO TRAILER THIN WALL, OFFSET POST CONSTRUCTION

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[0001] This is a Continuation-In-Part of U.S. Serial No. 09/964,784, filed September 26, 2001, ^{now US Patent No. 6,652,019} which was a Continuation-In-Part of U.S. Serial No. 09/813,729 filed March 21, 2001, now abandoned.

FIELD OF THE INVENTION

[0002] This invention relates generally to the construction of a cargo trailer and more particularly to an improved construction of the side walls of the cargo trailers allowing for a thinner wall construction which results in maximizing the interior volume of the cargo trailer.

BACK OF THE INVENTION

*all checked
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Tholey*
[0003] There are many cargo trailers and other such containers that typically utilize rectangular panels placed adjacent to each other to form the side walls of the trailers, such as those disclosed in U.S. Patent Nos. 5,439,266, 4,904,017, 4,810,027 and 6,003,932. The cargo trailers disclosed in those patents typically contain adjacent rectangular plates placed side by side with an additional narrow plate or plates overlapping the adjacent plates to join the plates together.

[0004] Wall constructions of this type have been utilized because of the regulations governing such vehicles. These regulations generally limit the overall width of the cargo trailer. The advantage of having the plates side by side with a thin narrow plate(s) to overlap the adjacent panels creates a thin wall that results in a maximum